

Type : 3EL112M6B-FA-A0-C34

RE: 891591

Date : 03.01.2022

Power [kW] : 2.20
 Input Voltage [V] : 400
 Connection Type [Δ / Y] : Y
 Frequency [Hz] : 50
 Pole Number : 6
 Nominal Speed [rpm] : 960
 Nominal Current [A] : 4.95
 Nominal Moment [Nm] : 21.9
 Nominal Efficiency [η] : 84.3
 Power Factor [$\cos\phi$] : 0.76
 Locked Rotor Current [I_a/I_n] : 5.5
 Locked Rotor Torque [Ma/Mn] : 2.2
 Breakdown Torque [Mk/Mn] : 3.0
 Motor Color : RAL 7031
 Ambient Temperature : -15°C / +40°C

Efficiency Class : IE3
 Duty Cycle : S1
 Service Factor : 1.20
 Frame Size : 112M
 Weight [kg] : 27.2
 Insulation Class : F [155°C]
 Temperature Rise : B [80°K]
 Protection Class : IP55
 Vibration Severity Grade : A
 Method of Cooling : IC411
 Direction of Rotation : Bidirectional
 Balance : Half Key
 Motor Protection : --
 Altitude Above Sea Level : 1000m
 Sound Pressure Level [dBA] : 56

ELECTRICAL DATA

Δ / Y	U [V]	f [Hz]	P [kW]	n [rpm]	I [A]	η [%]	$\cos\phi$
Δ	230	50	2.20	960	8.57	84.3	0.76
Y	400	50	2.20	960	4.95	84.3	0.76
Y	460	60	2.55	1165	4.88	85.2	0.77

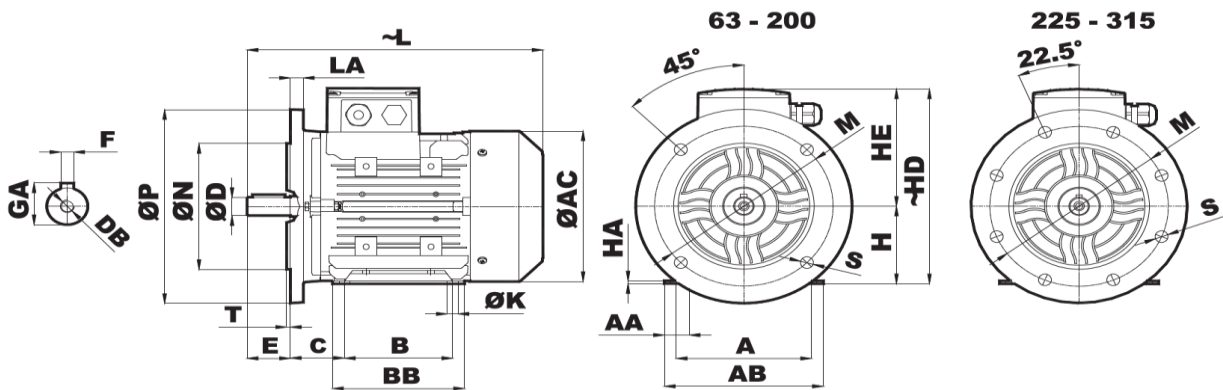
MECHANICAL DATA

Moment of Inertia [kgm²] : 0.01319
 Bearing DS / NS : 6206ZZ / 6206ZZ
 Frame Material : Aluminum
 Flange Type / Material : B5 / Aluminum
 Cooling Fan Material : Plastic
 End Shield Material : Aluminum

TERMINAL BOX

Terminal Box Material : Aluminum
 Terminal Box Position : Top
 Terminal Box Cable Entry : M25x1.5
 Terminal Box Blind Cap : M25x1.5
 Contact Screw Thread : M5

MECHANICAL DIMENSIONS



FLANGE TYPE	D	E	N	P	T	LA	L	AC	S	M	H	HE	HD	F	GA	DB	C	ØK	B	BB	HA	AA	A	AB
B5	28	60	180	250	4	15	390	215	14.5	215	112	161	273	8	31	M10	70	12	140	177	4	36	190	217

Manufactured and tested in accordance with IEC 60034

*Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

*MECALINE has right to change all the data without prior notice.

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